

Converting Colors

CIELCh(70, 49.438, 204.720)

Have a look what the booklet for
CIELCh(70, 49.438, 204.720)
contains.

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Color

CIELCh(72, 39.467, 207.097)

Conversions

Conversions Part 1

Format	Color
Hex	06C3D0
RGB	6, 195, 208
RGB Percent	2%, 76%, 82%
CMY	0.9764, 0.2350, 0.1840
CMYK	0.97, 0.06, 0.00, 0.18
HSL	184°, 94%, 42%
HSV	184°, 97%, 82%
XYZ	31.0004, 43.6590, 66.5159
YIQ	139.9710, -116.8170, -36.0250

Conversions

Conversions Part 2

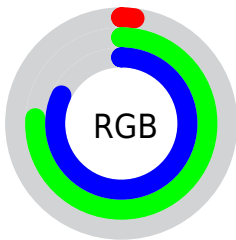
Format	Color
RYB	6, 104, 208
Decimal	443344
CIELab	72.00, -35.13, -17.98
CIELCh	72, 39.467, 207.097
Yxy	43.6590, 0.2196, 0.3093
Android (android.graphics.Color)	4278633424 (0xFF06C3D0)
YUV	139.9710, 33.5383, -117.4926
Hunter-Lab	66.0750, -31.8843, -13.4332

Details

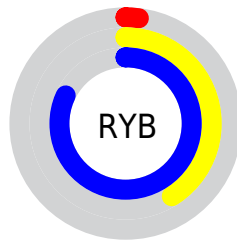
The CIELCh color **72, 39.467, 207.097** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 87.166, 39.962**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 39.985, 199.221**, and **53, 31.063, 210.880** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.553, 207.388**, and if you desaturate by 10%, it is **73, 38.934, 206.154**.

Distribution



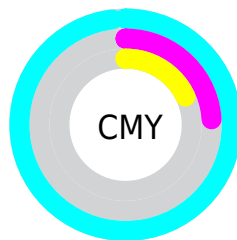
- Red (2%)
- Green (76%)
- Blue (82%)



- Red (2%)
- Yellow (41%)
- Blue (82%)



- Cyan (97%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)





- Cyan (98%)
- Magenta (24%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.467, 207.097 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 39.467, 207.097 by changing the saturation by 10% instead.


 72, 39.467,
207.097


 72, 39.467,
207.097


 100, 39.467,
207.097


 62, 39.467,
207.097


 92, 39.467,
207.097

 52, 39.467,
207.097

 42, 39.467,
207.097

 32, 39.467,
207.097

 22, 39.467,
207.097

 12, 39.467,
207.097

 2, 39.467, 207.097

■ 0, 39.467, 207.097

■ 72, 39.467,
207.097

■ 72, 39.467,
207.097

■ 72, 39.553,
207.388

■ 73, 38.934,
206.154

■ 73, 37.603,
205.426

■ 74, 35.370,
204.905

■ 75, 32.213,
204.571

■ 76, 28.170,
204.402

■ 77, 23.315,
204.376

■ 79, 17.751,
204.472

■ 80, 11.592,
204.677

■ 82, 4.953, 205.010

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 39.467, 207.097



44, 87.166, 39.962

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 39.467, 207.097



72, 39.467, 257.097



72, 39.467, 27.097



72, 39.467, 77.097

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 39.466, 207.096



94, 22.205, 204.441



73, 101.177, 136.487



49, 14.970, 204.396



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 39.466, 207.096



86, 46.070, 207.529



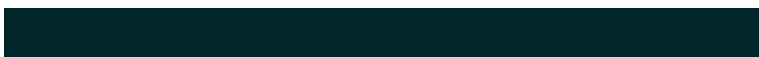
43, 66.787, 287.788



43, 3.945, 204.915



59, 33.811, 207.211



13, 13.112, 204.954

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 93.817, 330.903



59, 109.770, 331.028



58, 70.724, 65.315



41, 7.363, 326.725



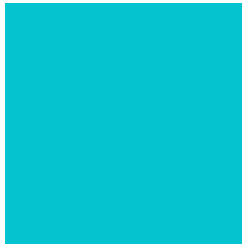
39, 80.521, 330.949



5, 29.624, 330.003

Previews

White Background



This preview shows how the CIELCh color 72, 39.467, 207.097 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 39.467, 207.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

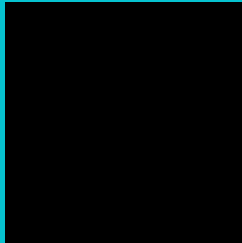
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 39.467, 207.097

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.467, 207.097.

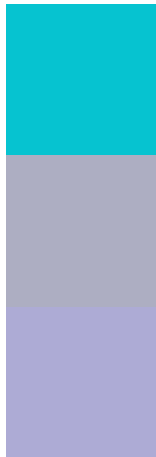


This preview shows how white text looks on a background with the CIELCh color 72, 39.467, 207.097.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

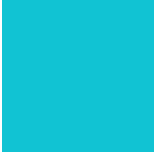
72, 39.455, 207.099

Protanopia

72, 10.912, 289.373

Deuteranopia

71, 22.971, 294.086

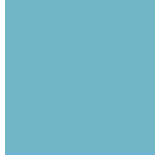


Tritanopia
72, 38.991, 209.783

Trichromacy



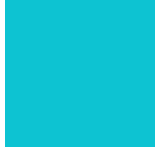
Original Color
72, 39.455, 207.099



Protanomaly
70, 23.439, 221.459



Deuteranomaly
70, 25.982, 239.343



Tritanomaly
72, 39.165, 208.871

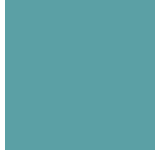
Monochromacy



Original Color
72, 39.455, 207.099



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 22.485, 204.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.467, 207.097 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(6, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(6, 195, 208)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(6, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 195, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.467, 207.097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(6, 195, 208) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(6, 195, 208) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(6, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(6, 195,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.467, 207.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 195, 208) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(6, 195,  
208) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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